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DATE: **March 27, 2009**

OFFICIAL PAPER

Please deliver this and the following pages to:

Examiner:	**Ben C. Wang**
U.S.P.T.O. Group Art Unit:	**2192**
Telecopier No.:	**1 571 270 2240**
U.S. Serial No.:	**10/790,663**
Client/Matter No.:	**MSFT-2767**
Sender's Name:	**Peter Trahms-Neudorfer**
Pages to Follow:	**10**

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COVER MESSAGE:

OFFICIAL FACSIMILE. PLEASE DELIVER TO EXAMINER IMMEDIATELY.

Attached hereto is/are the following documents:

1) Interview Request Form
2) Draft response to office Action dated 1/16/09

WOODCOCK WASHBURN LLP
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Applicant Initiated Interview Request Form

Application No.: 10790,663   First Named Applicant: Izydor Gryko

Examiner: Ben C. Wang   Art Unit: 2192   Status of Application: non final

Tentative Participants:
(1) Ben C. Wang

(2) Peter Trahms-Neudorfer

(3) _____

(4) _____

Proposed Date of Interview: Wednesday April 1st   Proposed Time: 1:00 EST _____ AM/PM

Type of Interview Requested:
(1) [✓] Telephonic   (2) [ ] Personal   (3) [ ] Video Conference

Exhibit To Be Shown or Demonstrated: [ ] YES   [ ] NO

If yes, provide brief description: _____

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1)			[ ]	[ ]	[ ]
(2)			[ ]	[ ]	[ ]
(3)			[ ]	[ ]	[ ]
(4)			[ ]	[ ]	[ ]

[✓] Continuation Sheet Attached

Brief Description of Argument to be Presented:
please see attached draft

_____

An interview was conduction on the above-identified application on _____.
NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).
This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

/ Peter Trahms-Neudorfer /
Applicant/Applicant's Representative Signature

Peter Trahms-Neudorfer
Typed/Printed Name of Applicant or Representative

59,282
Registration Number, if applicable

Examiner/SPE Signature

DOCKET NO.: MSFT-2767/305783.01
Application No.: 10/790,663
Office Action Dated: January 16, 2009

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Izydor Gryko, et al.

Confirmation No.: **9551**

Application No.: **10/790,663**

Group Art Unit: **2192**

Filing Date: **March 1, 2004**

Examiner: **Ben C. Wang**

For: **REUSABLE CUSTOMIZED PROJECT SYSTEM**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

REPLY PURSUANT TO 37 CFR § 1.111

In response to the Official Action dated **January 16, 2009**, reconsideration is respectfully requested in view of the amendments and/or remarks as indicated below:

☐   **Amendments to the Specification** begin on page   of this paper.

☒   **Amendments to the Claims** are reflected in the listing of the claims which begins on page 2 of this paper.

☐   **Amendments to the Drawings** begin on page   of this paper and include an attached replacement sheet.

☒   **Remarks** begin on page 7 of this paper.

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This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.   (Currently Amended) A method for building an extensible project system comprising:

providing a base software development project component object comprising data for creating a software development project system, wherein the base project component object implements a base project configuration component object that includes configuration properties for the base project component object, the configuration properties comprising at least one of a configuration set, the configuration set comprising an indication of a build of the project system, an output file to be created, and [[or]] an indication as to where the output file will be placed;

providing at least one flavor component object comprising data for modifying said project system for a specific purpose, wherein the at least one flavor component object includes flavor-specific project configuration properties comprising at least one of a flavor set, the flavor set comprising a caption of a project node, an icon of a project node, a property allowing a project browse object to be completely overridden, a control allowing a project to be renamed, a sort priority control, a property allowing a command to be added, a property allowing a command to be removed, a property allowing a command to be disabled, a filter, a property allowing a default generator given a file extension to be determined, and [[or]] a property allowing a human-readable generator name to be mapped to a COM object;

signaling by the base project component object to the at least one flavor component object that the base project configuration component object needs to be extended;

creating a flavored project system adapted for said specific purpose by component object aggregation using said base project component object as a participating component object and one of said at least one flavor component objects as a controlling component object; and

creating, by the at least one flavor component object, a flavored base software development project configuration component object, wherein at least one configuration property for the base project component object is modified by a corresponding flavor-specific project configuration property.

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2.   (Currently Amended) The method of claim 1, where said at least one flavor component object comprises at least a first flavor component object and a second flavor component object, and where said step of creating a flavored project system comprises:

creating an intermediary component object by aggregating said first flavor component object as a controlling component object and said base project component object as a participating component object; and

creating a flavored project system by using said second flavor component object as a controlling component object and said intermediary component object as a participating component object.

3.   (Currently Amended) The method of claim 1 where said step of creating a flavored project system comprises allowing at least one interface of said base project to be modified by said flavor component object.

4.   (Currently Amended) The method of claim 3 where said step of creating a flavored project system comprises allowing a value for at least one property stored in said at least one interface of said base project to be modified by a value for said at least one property stored in an interface of said flavor component object.

5.   (Currently Amended) The method of claim 1 where said step of creating a flavored project system comprises allowing at least one interface of said base project to be replaced by said flavor component object.

6.   (Canceled)

7.   (Currently Amended) The method of claim 1, wherein said flavored base project configuration component object includes an extender interface, said creation of a project system further comprising:

providing an extender site component object associated with said extender interface.

8.   (Currently Amended) A system for building an extensible project system comprising:

a processor;

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a process configured to instantiate a base software development project component object comprising data for creating a project system, wherein the base project component object implements a base project configuration component object that includes configuration properties for the base project component object, the configuration properties comprising at least one of a configuration set, the configuration set comprising an indication of a build of the project system, an output file to be created, and [[or]] an indication as to where the output file will be placed;

a process configured to instantiate at least one flavor component object comprising data for modifying said project system for a specific purpose, wherein the at least one flavor component object includes flavor-specific project configuration properties;

a process in the base project component object configured to signal the at least one flavor component object that the base project configuration component object needs to be extended;

a process configured to generate a flavored software development project system for said specific purpose by component object aggregation using said base project component object as a participating component object and one of said at least one flavor component objects as a controlling component object; and

a process in the at least one flavor component object configured to generate a flavored base software development project configuration component object, wherein at least one configuration property for the base project component object is modified by a corresponding flavor-specific project configuration property.

9.   (Currently Amended) The system of claim 8, where said at least one flavor component object comprises at least a first flavor component object and a second flavor component object, and where said aggregator further comprises:

a first aggregator for creating an intermediary component object by aggregating said first flavor component object as a controlling component object and said base project component object as a participating component object; and

a second aggregator for creating a flavored project system by using said second flavor component object as a controlling component object and said intermediary component object as a participating component object.

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10.   (Currently Amended) The system of claim 8 where said aggregator causes at least one interface of said base project to be modified by said flavor component object.

11.   (Currently Amended) The system of claim 10 where said aggregator causes a value for at least one property stored in said at least one interface of said base project to be modified by a value for said at least one property stored in an interface of said flavor component object.

12.   (Currently Amended) The system of claim 8 where said aggregator causes at least one interface of said base project to be replaced by said flavor component object.

13.   (Canceled)

14.   (Currently Amended) The system of claim 8, wherein said flavored base project configuration component object includes an extender interface, said project system further comprising:
      an extender site component object associated with said extender interface.

15.   (Currently Amended) A computer-readable storage medium for building an extensible project system, said computer readable storage medium storing instructions for causing a computer to perform the steps of comprising:
      providing a base software development project component object comprising data for creating a project system, wherein the base project component object implements a base software development project configuration component object that includes configuration properties for the base project component object, the configuration properties comprising at least one of a configuration set, the configuration set comprising an indication of a build of the project system, an output file to be created, and [[or]] an indication as to where the output file will be placed;
      providing at least one flavor component object comprising data for modifying said project system for a specific purpose, wherein the at least one flavor component object includes flavor-specific project configuration properties;
      signaling by the base project component object to the at least one flavor component object that the base project configuration component object needs to be extended;

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creating a flavored software development project system for said specific purpose by component object aggregation using said base project component object as a participating component object and one of said at least one flavor component objects as a controlling component object; and

creating, by the at least one flavor component object, a flavored base software development project configuration component object, wherein at least one configuration property for the base project component object is modified by a corresponding flavor-specific project configuration property.

16.   (Currently Amended) The computer-readable storage medium of claim 15, where said at least one flavor component object comprises at least a first flavor component object and a second flavor component object, and where said step of creating a flavored project system comprises:

creating an intermediary component object by aggregating said first flavor component object as a controlling component object and said base project component object as a participating component object; and

creating a flavored project system by using said second flavor component object as a controlling component object and said intermediary component object as a participating component object.

17.   (Currently Amended) The computer-readable storage medium of claim 15 where said step of creating a flavored project system comprises allowing at least one interface of said base project to be modified by said flavor component object.

18.   (Currently Amended) The computer-readable storage medium of claim 17 where said step of creating a flavored project system comprises allowing a value for at least one property stored in said at least one interface of said base project to be modified by a value for said at least one property stored in an interface of said flavor component object.

19.   (Currently Amended) The computer-readable storage medium of claim 15 where said step of creating a flavored project system comprises allowing at least one interface of said base project to be replaced by said flavor component object.

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20.   (Canceled)

21.   (Currently Amended) The computer-readable storage medium of claim 15, wherein said flavored base project configuration component object includes an extender interface, said creation of a project system further comprising:

providing an extender site component object associated with said extender interface.

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REMARKS

Claims 1-5, 7-12, 14-19 and 21 are pending in the present application. Claims 1-5, 7-12, 14-19 and 21 stand rejected.

Telephonic Examiner Interview

[[Requested]]

Claim Rejections – 35 USC § 101

Claims 8-12 and 14 stand rejected under 35 USC 101 because the examiner states that the claims are directed to non-statutory subject matter. Applicants have amended claim 8 to recite "a processor." Applicants respectfully submit that the present amendment overcomes the rejection to claim 8 as well as dependent claims 9-12 and 14.

Claim Rejections – 35 USC § 103

Claims 1-5, 7-12, 14-19 and 21 stand rejected under 31 USC 103(a) as being unpatentable over Leach et al (6,412,020) in view of Gupta ("Building a Custom Project Wizard in Visual Studio .NET", May 2003, *Infosys Technologies Limited*) and Dardinski et al. (6,754,885).

Applicants have amended independent claims 1, 8 and 15 to clarify that it claims the use of "component objects" or "components." This is supported in the specification in at least paragraphs [0033] and [0034]. A component is known in the art to be different from an object-oriented programming object as used in Leach. A component exists at a higher level of abstraction as an object. For example, a component does not share state, which an object-oriented object does, and a component communicates with another component by exchanging messages carrying data, which an object-oriented object does not.

Leach appears to use the term "object" to refer exclusively to an object in an object-oriented programming language, such as C++. This is apparent throughout the reference, such as at col. 2, lines 22-34 ("Object-oriented programming techniques employ a concept referred to as inheritance to allow the sharing of code ... In the C++ language, object-oriented

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techniques are supported through the use of classes."), and col. 2, lines 55-64 ("An instance of a class is also called an object of the class ... The Following statements assign data to the data members of objects a and b. a.x = 2; ...).

Further, applicants herein enclose a declaration of prior invention pursuant to 37 CFR § 1.131 to swear behind the cited Gupta non-patent literature reference with a declared date of invention no later than November 26, 2002. This date is earlier than May, 2003 when the Gupta reference was published. As such, applicants respectfully submit that Gupta is not prior art with regard to the present application.

Further, applicants respectfully submit that Leach does not teach those parts of the claims that the examiner states are taught by Gupta, and that Dardinski teaches neither those parts of the claims that the examiner states are taught by Gupta, nor those portions of those claims that are amended.

As such, applicants respectfully submit that claims 1, 8 and 15 are in condition for allowance, as are respective dependent claims 2-5 and 7, 8-12 and 14, and 16-19 and 21.

Date: DRAFT

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